



PATENT  
ATTY. DOCKET NO.: MMI1100-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: DeNise, *et al.* Art Unit: 1634  
Application No.: 10/750,623 Examiner: Unknown  
Filed: December 31, 2003  
Title: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**COMPACT DISK TRANSMITTAL LETTER UNDER 37 C.F.R. § 1.52(e)**

Sir:

Submitted along with the above-referenced application and incorporated by reference therein is one CD-R compact disk labeled "SEQUENCE LISTING". As required by 37 CFR § 1.52(e), Applicants herein provide the following information for each disk:

Disk labeled "SEQUENCE LISTING"  
Machine format: IBM-PC  
Operating System Compatibility: MS-Windows  
File Name: MMI1100-1.txt  
File Size: 88,025 KB  
Date Created: 09/22/2004  
File Type: Microsoft Text Document

Respectfully submitted,

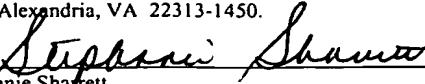
  
Michael P. Reed  
Registration No.: 45,647  
Telephone: (858) 638-6754  
Facsimile: (858) 677-1465

Date: September 24, 2004

GRAY CARY WARE & FREIDENRICH LLP  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133  
**Customer Number: 28213**

**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on September 24, 2004, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Stephanie Sharrett



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**STATEMENT UNDER 37 C.F.R. §§ 1.821(e) and (g)**

Sir:

I hereby state that the Sequence Listing is being filed in computer readable form (CRF) as required by § 1.821(e) and respectfully request that the sequence listing is incorporated by reference into the above-referenced application. The Sequence Listing is contained in a file called "MMI1100-1.txt" on the computer disk filed herewith.

I hereby state that the submission, filed in accordance with 37 C.F.R. § 1.821(g), herein does not include new matter.

Respectfully submitted,

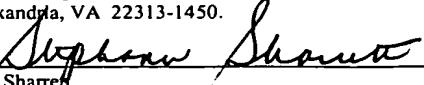
Michael P. Reed, J.D., Ph.D.  
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Telephone: (858) 638-6754  
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**VERIFIED STATEMENT UNDER 37 C.F.R. § 1.821(e)**

Sir:

I, Mikhail Puchkov, declare that I personally prepared the compact disc containing the Sequence Listing filed herewith in the above-entitled case. The content of both the compact disc submitted herewith and the compact disc submitted with the originally filed application under 37 C.F.R. § 1.821(c) is the same.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of The United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: September 24, 2004

*Mikhail Puchkov*  
Mikhail Puchkov

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4365 Executive Drive, Suite 1100  
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*Stephanie Sharrett*  
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